

Total Finathene® CD 481 HDPE conduit (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Pipe Grade

Material Notes:

Applications: Wire and cable conduit, fiber optic innerduct
Information provided provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finathene-CD-481-HDPE-conduit-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	ASTM D 792
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	ASTM D1693 cond. C 100% Igepal
High Load Melt Index	10 g/10 min @Load 21.6 kg	10 g/10 min @Load 47.6 lb	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D 2240
Tensile Strength, Yield	>= 22.8 MPa	>= 3300 psi	ASTM D 638 type IV
Elongation at Break	>= 800 %	>= 800 %	ASTM D 638 type IV
Flexural Modulus	0.862 GPa	125 ksi	ASTM D 790
Izod Impact, Notched	5.34 J/cm @Thickness 3.17 mm	10.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	180 µm/m-°C @Temperature 20.0 °C	100 µin/in-°F @Temperature 68.0 °F	ASTM D 696
Melting Point	129 °C	264 °F	ASTM D3417

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